

DATE: 01-22-2019
 TIME: 20:10:11

UNIVERSITY OF WASHINGTON STUDENT RECORDS SYSTEM
 DETAILED CURRICULUM REPORT
 Seattle CAMPUS

REPORT: SR21010-R-01 K
 PAGE: 630

COLLEGE : C - Arts & Sciences
 DEPARTMENT: MATHEMATICS

| CURRIC NUM | COURSE TITLE | EFFECTIVE QUARTERS | QUARTER CREDITS | OVER D | | D | S H F | | | V L E E W | | | | | RESPONS COURSE | JOINT COURSES | O M I T |
|------------|--|---------------------|-----------------|--------------------|-----|-------------------|-------|---|---|-----------|-----|---|---|---|----------------|---------------|---------|
| | | | | -ALL U | GRD | | U | N | E | P | & N | C | M | S | | | |
| MATH 197 | PROBLEM SOLVING Problem Solving in Mathematics | AUT/1992 - AUT/9999 | 2.0 | 4.0 | Y | CR/NC | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | LAST UPDT: 3/09/94 | | APPROVED: 6/29/92 | | | | | | | | | | | |
| MATH 198 | SPECIAL TOPICS Special Topics in Mathematics | AUT/1992 - AUT/9999 | 1.0-05.0 | 15.0 | Y | CR/NC | . | . | . | . | . | . | . | . | . | . | . |
| | | | | LAST UPDT: 4/11/94 | | APPROVED: 6/29/92 | | | | | | | | | | | |
| MATH 205 | MATRIX ALGEBRA ELEMENTARY MATRIX ALGEBRA | WIN/2000 - AUT/9999 | 3.0 | . | . | . | . | . | . | Y | . | . | . | . | . | . | . |
| | COMMENT:CHG TITLE | | | LAST UPDT: 6/28/10 | | APPROVED: 5/01/70 | | | | | | | | | | | |
| MATH 300 | MATH REASONING Introduction to Mathematical Reasoning | SPR/2017 - AUT/9999 | 3.0 | . | . | . | . | . | . | Y | . | . | . | . | . | . | . |
| | | | | LAST UPDT: 1/23/17 | | APPROVED: 6/01/99 | | | | | | | | | | | |
| MATH 301 | ELEM NUMBER THEORY Elementary Number Theory | AUT/2016 - AUT/9999 | 3.0 | . | . | . | . | . | . | Y | . | . | . | . | . | . | . |
| | | | | LAST UPDT: 5/12/16 | | | | | | | | | | | | | |
| MATH 305 | INTRO TO MATH LOGIC INTRODUCTION TO MATHEMATICAL LOGIC | WIN/1965 - AUT/9999 | 3.0 | . | . | . | . | . | . | Y | . | . | . | . | . | . | . |
| | | | | LAST UPDT: 8/29/06 | | | | | | | | | | | | | |
| MATH 307 | INTRO TO DIFF EQ Introduction to Differential Equations | AUT/2014 - AUT/9999 | 3.0 | . | . | . | . | . | . | Y | . | . | . | . | . | . | . |
| | COMMENT:14-16 PREQ CHG | | | LAST UPDT: 7/29/14 | | APPROVED: 6/01/90 | | | | | | | | | | | |
| MATH 308 | MATRIX ALGEBRA Matrix Algebra with Applications | AUT/2014 - AUT/9999 | 3.0 | . | . | . | . | . | . | Y | . | . | . | . | . | . | . |
| | COMMENT:14-16 DESC, PREQ CHG | | | LAST UPDT: 7/29/14 | | APPROVED: 4/28/88 | | | | | | | | | | | |
| MATH 309 | LINEAR ANALYSIS Linear Analysis | AUT/2014 - AUT/9999 | 3.0 | . | . | . | . | . | . | Y | . | . | . | . | . | . | . |
| | COMMENT:14-16 PREQ CHG | | | LAST UPDT: 7/29/14 | | APPROVED: 6/01/90 | | | | | | | | | | | |
| MATH 318 | LINEAR ALGEBRA LINEAR ALGEBRA | WIN/2006 - AUT/9999 | 3.0 | . | . | . | . | . | . | Y | . | . | . | . | . | . | . |
| | COMMENT:EMAIL PREREQ CHANGE | | | LAST UPDT: 6/28/10 | | APPROVED: 6/01/99 | | | | | | | | | | | |

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| CURRIC | NUM | COURSE TITLE | EFFECTIVE | QUARTERS | CREDITS | OVER D | | D | S H F | | | V L E E W | | | | | RESPONS | JOINT | O |
|-----------------------------------|-----|---|------------|----------|---------|--------------------------------------|---|----|-------|---|---|-----------|---|---|---|---|---------|-------|---|
| | | | | | | -ALL | U | | GRD | E | U | N | E | P | & | N | | | |
| MATH | 414 | NUMBER THEORY Number Theory | SPR/2000 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | . | . | . | . | . | . | |
| | | | | | | LAST UPDT: 7/29/14 APPROVED:12/01/76 | | | | | | | | | | | | | |
| COMMENT:EMAIL PREREQ CHANGE | | | | | | | | | | | | | | | | | | | |
| MATH | 415 | NUMBER THEORY Number Theory | SPR/1978 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | . | . | . | . | . | | |
| | | | | | | LAST UPDT: 7/29/14 APPROVED:12/01/76 | | | | | | | | | | | | | |
| MATH | 420 | HISTORY OF MATH History of Mathematics | SUM/2016 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | . | . | . | . | . | | |
| | | | | | | LAST UPDT:11/19/15 APPROVED: 5/01/70 | | | | | | | | | | | | | |
| MATH | 421 | CALC FOR TEACHERS Conceptual Calculus for Teachers | WIN/2009 - | AUT/9999 | 3.0 | . | . | 12 | . | . | . | . | . | . | . | . | . | | |
| | | | | | | LAST UPDT: 7/29/14 APPROVED:12/21/01 | | | | | | | | | | | | | |
| COMMENT:CHG CREDITS | | | | | | | | | | | | | | | | | | | |
| MATH | 422 | CALC FOR TEACHERS Conceptual Calculus for Teachers | SPR/2010 - | AUT/9999 | 3.0 | . | . | 22 | . | . | . | . | . | . | . | . | . | | |
| | | | | | | LAST UPDT: 7/29/14 APPROVED:12/21/01 | | | | | | | | | | | | | |
| COMMENT:EMAIL PREQ CHG | | | | | | | | | | | | | | | | | | | |
| MATH | 424 | FUND CONCEPTS ANLYS Fundamental Concepts of Analysis | AUT/2018 - | WIN/2019 | 3.0 | . | . | . | . | . | . | . | . | . | . | . | . | | |
| | | | | | | LAST UPDT:11/28/18 | | | | | | | | | | | | | |
| MATH | 424 | FUND CONCEPTS ANLYS Fundamental Concepts of Analysis | SPR/2019 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | . | . | . | . | . | | |
| | | | | | | LAST UPDT:11/28/18 | | | | | | | | | | | | | |
| MATH | 425 | FUND CONCEPTS ANLYS Fundamentals of Analysis | AUT/2018 - | WIN/2019 | 3.0 | . | . | . | . | . | . | . | . | . | . | . | . | | |
| | | | | | | LAST UPDT:11/28/18 | | | | | | | | | | | | | |
| MATH | 425 | FUND CONCEPTS ANLYS Fundamental Concepts of Analysis | SPR/2019 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | . | . | . | . | . | | |
| | | | | | | LAST UPDT:11/28/18 | | | | | | | | | | | | | |
| MATH | 426 | FUND CONCEPTS ANLYS Fundamental Concepts of Analysis | WIN/2006 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | . | . | . | . | . | | |
| | | | | | | LAST UPDT: 6/28/10 | | | | | | | | | | | | | |
| COMMENT:CHANGE COURSE DESCRIPTION | | | | | | | | | | | | | | | | | | | |

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 DEPARTMENT: MATHEMATICS

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| MATH | 444 | GEOMTRY FOR TEACHRS Geometry for Teachers | SPR/2017 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | | | LAST UPDT: 2/08/17 | | | | | | | | | | | | | |
| MATH | 445 | GEOMTRY FOR TEACHRS Geometry for Teachers | WIN/2004 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | | | LAST UPDT: 6/28/10 | | | | | | | | | | | | | |
| | | | | | | COMMENT:EMAIL PREREQ-ENFORCE CANCL REG | | | | | | | | | | | | | |
| MATH | 461 | COMBINATORIAL THEOR Combinatorial Theory | AUT/2016 - | AUT/2019 | 3.0 | . | . | . | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | | | LAST UPDT:11/16/18 APPROVED: 5/01/82 | | | | | | | | | | | | | |
| MATH | 461 | COMBINATORIAL THEOR1 Combinatorial Theory I | WIN/2020 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | | | LAST UPDT:11/16/18 APPROVED: 5/01/82 | | | | | | | | | | | | | |
| MATH | 462 | COMBINATORIAL THEOR Combinatorial Theory | WIN/2017 - | AUT/2019 | 3.0 | . | . | . | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | | | LAST UPDT:11/16/18 APPROVED: 5/01/82 | | | | | | | | | | | | | |
| MATH | 462 | COMBINATORIAL THEOR2 Combinatorial Theory II | WIN/2020 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | | | LAST UPDT:11/16/18 APPROVED: 5/01/82 | | | | | | | | | | | | | |
| MATH | 464 | NUMERICAL ANLYS I Numerical Analysis I | AUT/2008 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | | | LAST UPDT: 6/28/10 APPROVED: 4/01/84 | | | | | | | | | | | | | |
| | | | | | | COMMENT:PREQ CHG PER 08-10 UPDATE | | | | | | | | | | | | | |
| MATH | 465 | NUMERICAL ANLYS II Numerical Analysis II | WIN/2017 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | | | LAST UPDT: 1/05/17 APPROVED: 4/01/84 | | | | | | | | | | | | | |
| MATH | 466 | NUMERICAL ANLYS III Numerical Analysis III | AUT/2008 - | AUT/9999 | 3.0 | . | . | . | . | . | . | . | Y | . | . | . | . | . | . |
| | | | | | | LAST UPDT: 6/28/10 APPROVED: 4/01/84 | | | | | | | | | | | | | |
| | | | | | | COMMENT:CHG PREQ PER 08-10 UPDATE | | | | | | | | | | | | | |
| MATH | 480 | ADV TOPICS IN MATH Advanced Topics in Undergraduate Mathematics | SPR/2010 - | AUT/9999 | 3.0 | 12.0 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | | | | | | LAST UPDT:10/16/09 APPROVED:10/25/06 | | | | | | | | | | | | | |
| | | | | | | COMMENT:CHG TITLES, DESC | | | | | | | | | | | | | |

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| MATH 515 | FUNDAMNTL OPTIMIZTN Optimization: Fundamentals and Applications | WIN/2019 - AUT/9999 | | 5.0 | . | . | . . . | | | AMATH 515 | IND E 515 | . |
| | | | | | | | | | | | AMATH 515 | |
| MATH 516 | NUMERICAL OPTIMIZTN Numerical Optimization | WIN/2016 - AUT/9999 | | 3.0 | . | . | . . . | | | MATH 516 | AMATH 516 | . |
| | | | | | | | | | | | | |
| MATH 517 | OPTIMIZTN UNCERTNTY Optimization Under Uncertainty | AUT/1985 - AUT/9999 | | 3.0 | . | . | . . . | | | AMATH 517 | AMATH 517 | . |
| | | | | | | | | | | | | |
| MATH 518 | OPTIMAL CONTROL Theory of Optimal Control | AUT/2016 - AUT/9999 | | 3.0 | . | . | . . . | | | MATH 518 | AMATH 518 | . |
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| MATH 521 | ADV PROBABILITY Advanced Probability | AUT/1980 - AUT/9999 | | 3.0 | . | . | . . . | | | STAT 521 | STAT 521 | . |
| | | | | | | | | | | | | |
| MATH 522 | ADV PROBABILITY Advanced Probability | WIN/1980 - AUT/9999 | | 3.0 | . | . | . . . | | | STAT 522 | STAT 522 | . |
| | | | | | | | | | | | | |
| MATH 523 | ADV PROBABILITY Advanced Probability | SPR/1980 - AUT/9999 | | 3.0 | . | . | . . . | | | STAT 523 | STAT 523 | . |
| | | | | | | | | | | | | |
| MATH 524 | REAL ANALYSIS Real Analysis | AUT/1998 - AUT/9999 | | 5.0 | . | . | . . . | | | | | . |
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| MATH 525 | REAL ANALYSIS Real Analysis | AUT/1998 - AUT/9999 | | 5.0 | . | . | . . . | | | | | . |
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| MATH 526 | REAL ANALYSIS Real Analysis | AUT/1998 - AUT/9999 | | 5.0 | . | . | . . . | | | | | . |
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| MATH 527 | FUNCTIONAL ANALYSIS Functional Analysis | WIN/1992 - AUT/9999 | | 3.0 | . | . | . . . | | | | | . |
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COMMENT:WAS MATH 547

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| | | | | -ALL | U | | GRD | E | U | N | E | P | & N | C | | | |
| MATH 579 | LIE GROUPS/ALGEBRAS Lie Groups and Lie Algebras | WIN/1992 - AUT/9999 | 3.0 | 9.0 | Y | . | . | . | . | . | . | . | . | . | . | . | . |
| | | | | LAST UPDT: 12/24/92 | | APPROVED: 7/01/91 | | | | | | | | | | | |
| MATH 580 | CURRENT PROB SEM Current Topics in Mathematics | AUT/2003 - AUT/9999 | 2.0 | 12.0 | . | . | . | . | . | . | . | . | . | . | . | . | . |
| | COMMENT:CHG TITLE | | | LAST UPDT: 7/14/03 | | APPROVED: 6/24/02 | | | | | | | | | | | |
| MATH 581 | SPECIAL TOPICS Special Topics in Mathematics | AUT/2001 - AUT/9999 | 1.0-05.0 | 36.0 | Y | . | . | . | . | . | . | . | . | . | . | . | . |
| | | | | LAST UPDT: 1/24/02 | | APPROVED: 6/27/01 | | | | | | | | | | | |
| MATH 582 | SPECIAL TOPICS Special Topics in Mathematics | AUT/2001 - AUT/9999 | 1.0-05.0 | 36.0 | Y | . | . | . | . | . | . | . | . | . | . | . | . |
| | | | | LAST UPDT: 1/24/02 | | APPROVED: 6/27/01 | | | | | | | | | | | |
| MATH 583 | SPECIAL TOPICS Special Topics in Mathematics | AUT/2001 - AUT/9999 | 1.0-05.0 | 36.0 | Y | . | . | . | . | . | . | . | . | . | . | . | . |
| | | | | LAST UPDT: 1/24/02 | | APPROVED: 6/27/01 | | | | | | | | | | | |
| MATH 584 | APPL LINEAR ALGEBRA Applied Linear Algebra and Introductory Numerical Analysis | AUT/2013 - AUT/9999 | 5.0 | . | . | . | . | . | . | . | . | . | . | . | AMATH 584 | AMATH 584 | . |
| | COMMENT:EMAIL PREQ CHG | | | LAST UPDT: 3/21/16 | | APPROVED: 6/07/79 | | | | | | | | | | | |
| MATH 585 | BOUNDARY VALUE PROBS Numerical Analysis of Boundary Value Problems | AUT/2013 - AUT/9999 | 5.0 | . | . | . | . | . | . | . | . | . | . | . | AMATH 585 | AMATH 585 | . |
| | COMMENT:EMAIL PREQ CHG | | | LAST UPDT: 3/21/16 | | APPROVED: 6/07/79 | | | | | | | | | | | |
| MATH 586 | TIME DEPNDT PROBS Numerical Analysis of Time Dependent Problems | SPR/2014 - AUT/9999 | 5.0 | . | . | . | . | . | . | . | . | . | . | . | AMATH 586 | ATM S 581 | . |
| | COMMENT:EMAIL PREQ CHG | | | LAST UPDT: 3/21/16 | | APPROVED: 6/07/79 | | | | | | | | | | | |
| MATH 590 | SMNR PROBABILITY Seminar in Probability | WIN/1991 - AUT/9999 | 2.0-05.0 | 12.0 | Y | CR/NC | . | . | . | . | . | . | . | . | . | . | . |
| | COMMENT:RETRO MAX CREDITS | | | LAST UPDT: 4/25/13 | | APPROVED: 12/10/90 | | | | | | | | | | | |
| MATH 591 | SPEC TOPCS IN PROB SPECIAL TOPICS IN PROBABILITY | AUT/1998 - AUT/9999 | 2.0-03.0 | 15.0 | Y | . | . | . | . | . | . | . | . | . | . | . | . |
| | COMMENT:CHG DESC; DROPPED, ARCHIVED | | | LAST UPDT: 8/29/06 | | DROPPED: 6/24/02 | | | | | | | | | | | |

